## MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY. DANIEL J. STANGER SHRINATH MALUR

GENE W. STOCKMAN Of Counsel JEFFREY M. KETCHUM Registered Patent Agent

\* Bar Membership Other Than Virginia

ATTORNEYS AT LAW 1800 DIAGONAL ROAD, SUITE 370 ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

PATENT, TRADEMARK AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157



Date: April 13, 2004

Attorney Docket No. H&A-129

CUSTOMER NO. 24956

To: Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir: Transmitted herewith for filing is the patent application of:

Inventor: T. SAITO (see attached)

For:

IN-VEHICLE ELECTRONIC DEVICE, THERMAL FLOWMETER AND ELECTRONIC CIRCUIT BOARD

| x  | 4 Shares   | f Danisiana     |                |                |              |                |         |   |                                   |  |
|--|--|-----------------|----------------|----------------|--------------|----------------|---------|---|-----------------------------------|--|
|  | Sheets of Drawings This application is being filed without an executed Declaration.  |                 |                |                |              |                |         |   |                                   |  |
| file   | ority is claimed f   | 2003            |                | . 🛛 🗚          | certified co | opy is attache | ed her  | • | nich is her incorporat by referen |  |
| <b>Y</b> 1 —   | Copies of the disclosure documents listed on the attached PTO 1449 form and by referen    in discussed in the specification or in attached Information Disclosure Statement. |                 |                |                |              |                |         |   |                                   |  |
| Sn   | nall entity status   | under 37 CFR 1. | .9 and 1.27 is | hereby claimed |              |                |         |   |                                   |  |
| X Sp   | ecification: Abs   | tract X         | _, Description | 7_ pa          | ges; and     | <u>11</u> c    | :laim(s | s).                                     |                                   |  |
| Pre  | eliminary Amendo   | ment.           |                |                |              |                |         |   |                                   |  |
| X Ex   | ecuted Declaration   | on.             |                |                |              |                |         |   | •                                 |  |
| The filing fee i   | s calculated as s  | hown below:     | Sm             | all Entity     |              | Lar            | ge Ent  | tity                                    |                                   |  |
| For:   | No. Filed  | No. Extra       | Rate           | Fee            | OR           | Rate           | Fee     |   | 7                                 |  |
| Basic Fee  |  |                 |                | \$ 375         | 1            |                | \$      | 770                                     |                                   |  |
| Total Claims   | 11 -20=  | • 0             | x 9            | \$             |              | x 18           | \$      | 0                                       |                                   |  |
| Indep Claims   | 3 - 3 =  | + 0             | x 42           | \$             |              | x 84           | \$      | 0                                       |                                   |  |
| ☐ Multiple Dependent Claim (s)                                       |  | + 140           | \$             | ]              | + 280        | \$             | 0       | 7                                       |                                   |  |
| * If difference is less than zero<br>then enter '0' in second column |  | -               | Total          | \$             | ]            | Total          | \$      | 770                                     |                                   |  |
|  |  |                 |                |                |              |                |         |   |                                   |  |

X Deposit Account No. 50-1417.

Respectfully Submitted,

The Commissioner is hereby authorized to charge any additional fees that may be required to

By:

30,293 Registration No.

## LIST OF INVENTOR'S NAME AND ADDRESS

Teruhisa SAITO, Hitachinaka, JAPAN.